

CLAIMS

1. Specific therapeutic immunomodulatory complex, **characterized in that it** comprises:

- dual molecules constituted by the coupling of a functional amino acid arm, ensuring binding to a target, with
- 5 a genetic RNA arm corresponding to the coded description of the composition of the functional arm,
- bacterial membrane fractions glycopeptides and/or lipopolysaccharides,

10 the ribonucleic acids (RNA) being of ribosomal origin and extracted from strains chosen from the following group: Helicobacter pylori, hepaticus, coronari, Campylobacter or from a mixture thereof.

2. Immunomodulatory complex according to Claim 1, **characterized in that** the amino acids are amino acids from collagen.

3. Immunomodulatory complex according to Claim 2, **characterized in that** the amino acids from collagen are chosen from the following group: aspartic acid,

20 hydroxyproline, threonine, serine, glutamic acid, proline, glycine, alanine, valine, methionine, isoleucine, leucine, tyrosine, phenylalanine, lysine, histidine, arginine, or a mixture thereof.

4. Immunomodulatory complex according to one of

25 Claims 1 to 3, for its use in the treatment of diseases caused by Helicobacter bacteria, by the production of antibodies and the production of endogenous interferon.

5. Immunomodulatory complex according to one of

36330 2452160

RNA-collagen complex

Claims 1 to 3, for its use as an anti-idiotypic vaccine against the idiotypes of anti-bacterial antibodies which make it possible to avoid, in particular, recidivations of the initial digestive tract pathology.

5 6. Immunomodulatory complex according to one of Claims 1 to 3, for its use against bacterial resistance to conventional antibiotic treatments and the like.

7. Anti-Helicobacter-specific immunomodulatory and vaccine complex according to one of the preceding claims,
10 **characterized in that it** is presented in a packaging allowing the simultaneous administration of major anti-inflammatory agents of the corticoid type, of antibiotics, of antisecretory agents, (proton pump inhibitors, of the type including Omeprazole or anti-H2,
15 and the like) or other products with bacteriostatic, bactericidal or bacteriolytic effects, for eradicating Helicobacter generating pathogeneses by factors linked to the bacterium (production of various cytotoxins, of inflammation mediators: Interleukin I, tumour necrosis
20 factor alpha), or by factors linked to the host.

a 8. Immunomodulatory complex according to ^{claim 7} ~~the preceding~~
a ~~ing claim~~, **characterized by** a packaging in the form such that it can be administered by various routes: infusions, intravenous injections, subcutaneous injections, trans-
25 dermal devices, or per os.

Add B2

Add B'
(abstract)